

PATENT ABSTRACTS OF JAPAN

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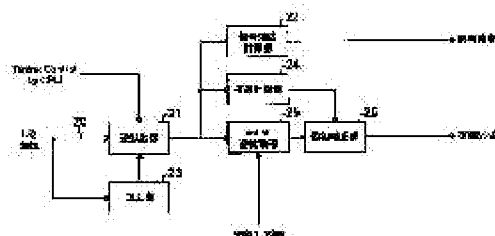
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(57)Abstract:

PROBLEM TO BE SOLVED: To effectively avoid deterioration in communication quality by adaptively selecting the number of signal processing elements assigned to a searcher element function and a finger element function depending on a reception state.

SOLUTION: An inverse spread section 21 and a signal strength calculation section 22 configure an element section corresponding to a searcher element mode, and a 1st signal processing element consists of the two circuit sections. Furthermore, the signal strength calculation section 22 provides an output of a large value only when an operating timing of a received signal and that of the inverse spread section 21 are coincident. On the other hand, in the case that the signal processing element is used in the finger element mode, the inverse spread section 21 applies inverse spread processing to an input signal 20 in a timing instructed by a CPU similarly to the case of the searcher element mode at first. Simultaneously, a DLL section 23 calculates a signal strength in a time after a prescribed timing from the operating timing of the inverse spread section 21 and the operating timing of the inverse spread section 21 is corrected to maximize the signal strength outputted in the operating timing of the inverse spread section 21.



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